

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1-30. (Cancelled)

31. (Currently Amended) Apparatus for use in conjunction with an interventional device in retrieving a vascular filter disposed on a guidewire from a vessel, the apparatus comprising:

a retrieval adapter having a proximal end, a distal end and a lumen, the distal end of the retrieval adapter being configured to radially expand and receive at least a portion of the vascular filter within the lumen during retrieval of the vascular filter from the vessel;

wherein the retrieval adaptor has a longitudinal axis, wherein the distal end of the retrieval adapter includes an opening oblique to the longitudinal axis.

32. (Previously Presented) The apparatus of claim 31, wherein the retrieval adapter comprises a biocompatible material.

33. (Previously Presented) The apparatus of claim 31, wherein the retrieval adapter comprises a radiopaque material.

34. (Previously Presented) The apparatus of claim 33, wherein the radiopaque material comprises a radiopaque coil embedded in the retrieval adapter.

35. (Previously Presented) The apparatus of claim 31, wherein the proximal end of the retrieval adapter is tapered to facilitate engagement with a distal end of the interventional device.

36. (Currently Amended) The apparatus of claim 35, wherein the proximal end of the retrieval adapter is capable of being coupled to ~~[[the]]~~ a distal end of ~~[[the]]~~ an interventional device.

37. (Previously Presented) The apparatus of claim 31, wherein the distal end of the retrieval adapter includes at least one expansion slit.

38. (Cancelled)

39. (Previously Presented) The apparatus of claim 31, wherein the distal end of the retrieval adapter includes a curved portion.

40. (Cancelled)

41. (Previously Presented) The apparatus of claim 31, wherein the interventional device is an angioplasty catheter.

42. (Previously Presented) The apparatus of claim 31, wherein the interventional device is a stent delivery system.

43. (Currently Amended) Apparatus for use in conjunction with an interventional device in retrieving a vascular filter disposed on a guidewire from a vessel, the apparatus comprising:

a retrieval adapter having a proximal end, a distal end and a lumen, the distal end of the retrieval adapter including ~~a curved portion and one or more expandable~~ a plurality of expansion slits ~~extending proximally from the distal end of the retrieval adaptor, the plurality of expansion slits dividing a distal portion of the retrieval adaptor into a plurality of curved portions~~ configured to radially expand and receive at least a portion of the vascular filter within the lumen during retrieval of the vascular filter from the vessel.

44. (Currently Amended) The apparatus of claim [[42]] 43, wherein the retrieval adapter comprises a biocompatible material.

45. (Currently Amended) The apparatus of claim [[42]] 43, wherein the retrieval adapter comprises a radiopaque material.

46. (Currently Amended) The apparatus of claim [[44]] 45, wherein the radiopaque material comprises a radiopaque coil embedded in the retrieval adapter.

47. (Currently Amended) The apparatus of claim [[42]] 43, wherein the proximal end of the retrieval adapter is tapered to facilitate engagement with a distal end of the interventional device.

48. (Currently Amended) The apparatus of claim [[42]] 43, wherein the proximal end of the retrieval adapter is capable of being coupled to ~~[[the]]~~ a distal end of ~~[[the]]~~ an interventional device.

49. (Currently Amended) The apparatus of claim [[42]] 43, wherein the interventional device is an angioplasty catheter.

50. (Currently Amended) The apparatus of claim [[42]] 43, wherein the interventional device is a stent delivery system.

51. (Currently Amended) Apparatus for use in conjunction with an interventional device in retrieving a vascular filter disposed on a guidewire from a vessel, the apparatus comprising:

a retrieval adapter having a proximal end, a distal end, and a lumen, the proximal end of the retrieval adapter being tapered to facilitate engagement with a distal end of the interventional device, the distal end of the retrieval adapter including ~~a curved portion and one or more expandable~~ a plurality of expansion slits ~~extending proximally from the distal end of the retrieval adapter, the plurality of expansion slits dividing a distal portion~~

of the retrieval adaptor into a plurality of curved portions configured to radially expand and receive at least a portion of the vascular filter within the lumen during retrieval of the vascular filter from the vessel.

52. (Currently Amended) The apparatus of claim [[50]] 51, wherein the retrieval adapter comprises a biocompatible material.

53. (Currently Amended) The apparatus of claim [[50]] 51, wherein the retrieval adapter comprises a radiopaque material.

54. (Currently Amended) The apparatus of claim [[52]] 53, wherein the radiopaque material comprises a radiopaque coil embedded in the retrieval adapter.

55. (Currently Amended) The apparatus of claim [[50]] 51, wherein the proximal end of the retrieval adapter is capable of being coupled to [[the]] a distal end of [[the]] an interventional device.

56. (Currently Amended) The apparatus of claim [[50]] 51, wherein the interventional device is an angioplasty catheter.

57. (Currently Amended) The apparatus of claim [[50]] 51, wherein the interventional device is a stent delivery system.

58-67. (Cancelled)